

IN THE ABSTRACT

Please delete the abstract currently on file and replace with the following:

A method for gripping an object (1) by another gripping object (2) comprises the steps of: detaching a part (3) of an object (1) to be gripped while maintaining a mechanical link (6); retaining the detachable part (3) at a distance "a" from the object (1) to be gripped by a part (12) of the gripping object (2) by spatial movement of the latter. At least a certain time period before the moment of engagement, there is the step of stabilizing an angle position of the detachable part (3) relative to the object (1) to be gripped by rotating said part to provide it with own angular momentum directed at an angle " ϵ " to the object (1) to be gripped. A reactive force F and/or an aerodynamic force R are (is) used as the retaining force. At the same time, the aerodynamic force R is generated by rotation of the detachable part (3). The rotating detachable part (3) is oriented relative to the object (1) to be gripped by generating an orienting aerodynamic force P on said part, said orienting aerodynamic force being directed at an angle to the object (1) to be gripped.